FIG.1

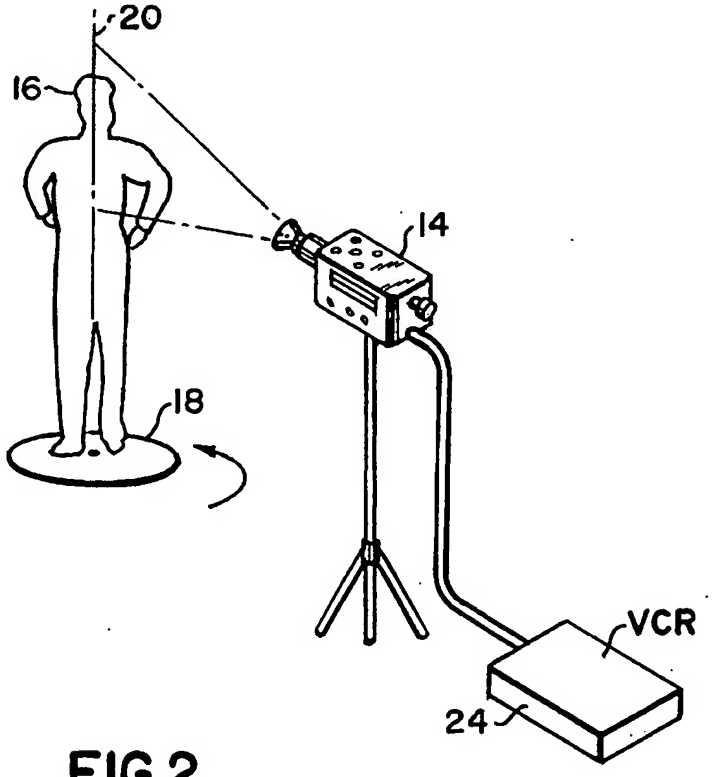


FIG.2

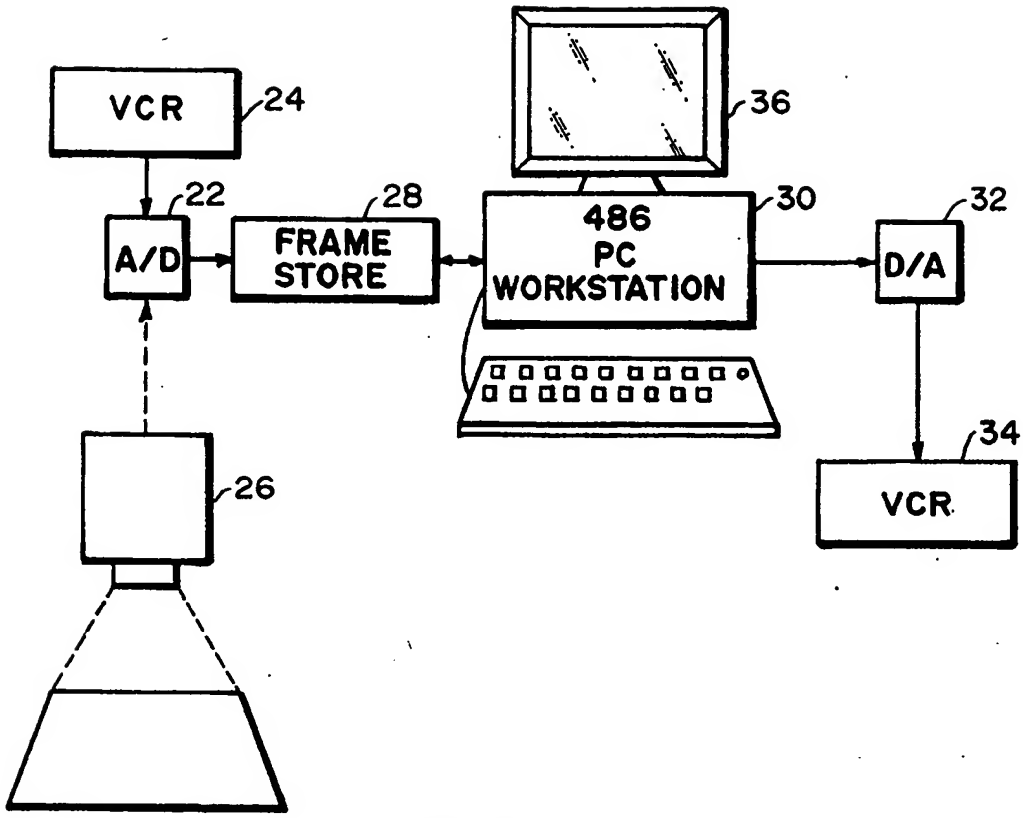


FIG.3

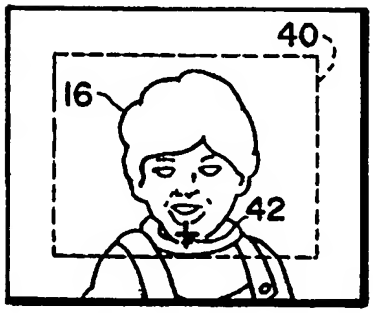


FIG.4A

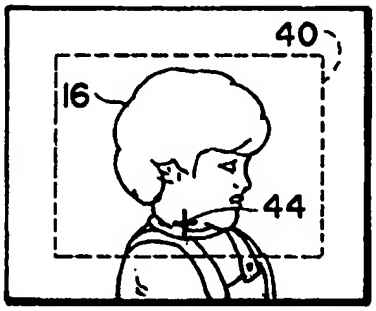


FIG.4B

FIG.5A

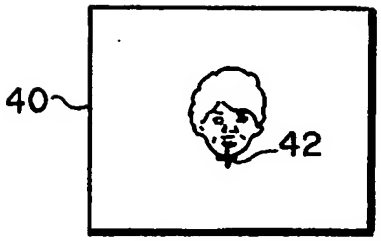


FIG.5B

FIG.6

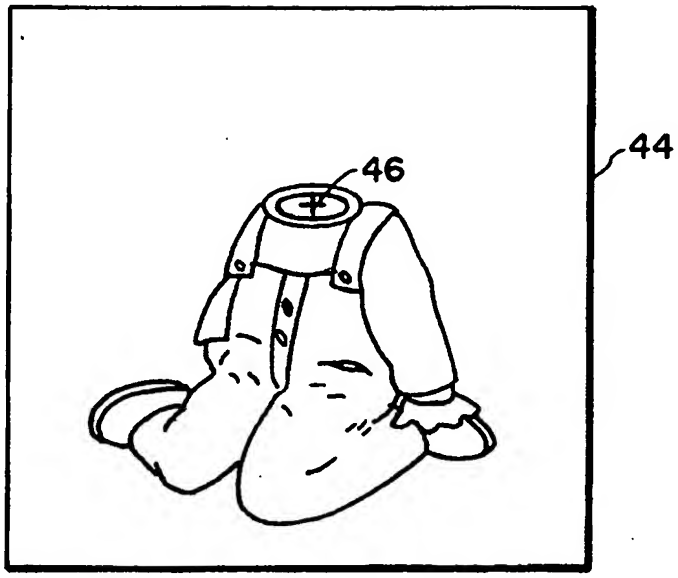
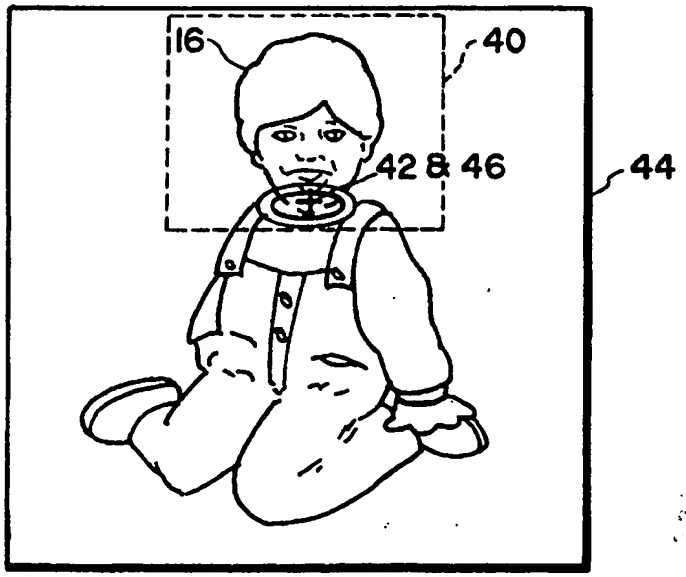


FIG.7



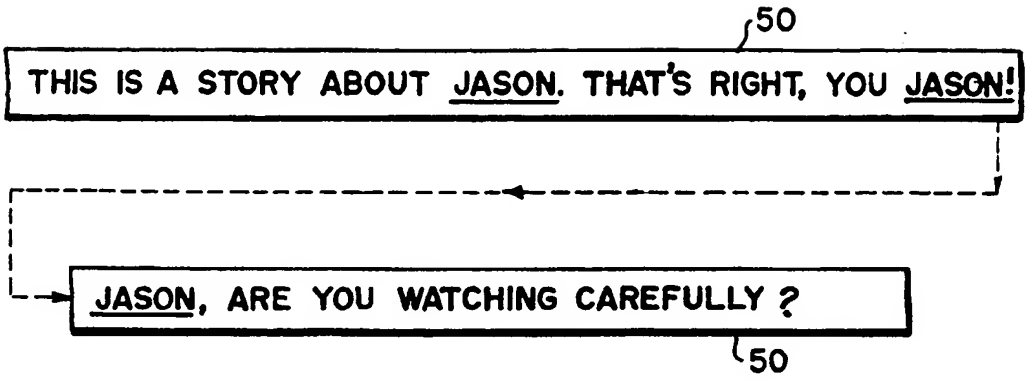

50
THIS IS A STORY ABOUT JASON. THAT'S RIGHT, YOU JASON!
JASON, ARE YOU WATCHING CAREFULLY ?
50

FIG.8

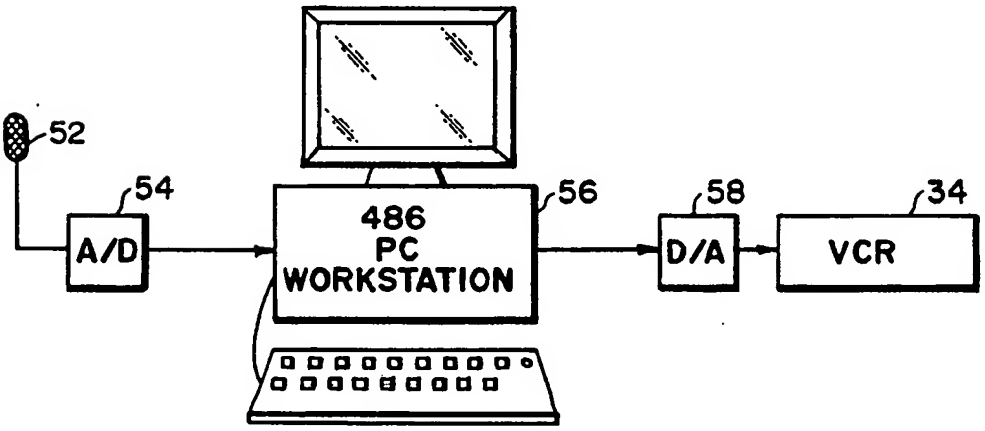

52
54
A/D
486
PC
WORKSTATION
56
58
D/A
34
VCR

FIG.9

FIG.10

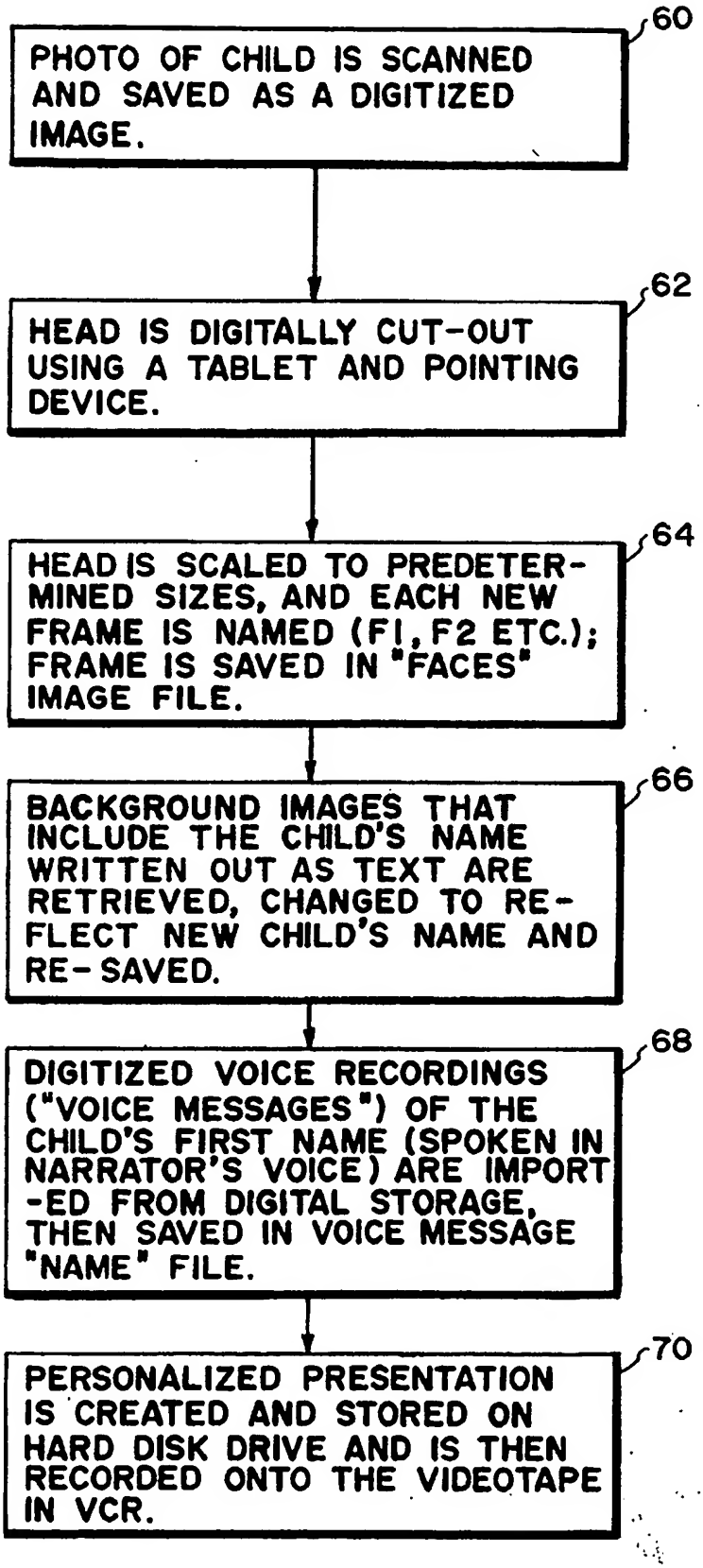
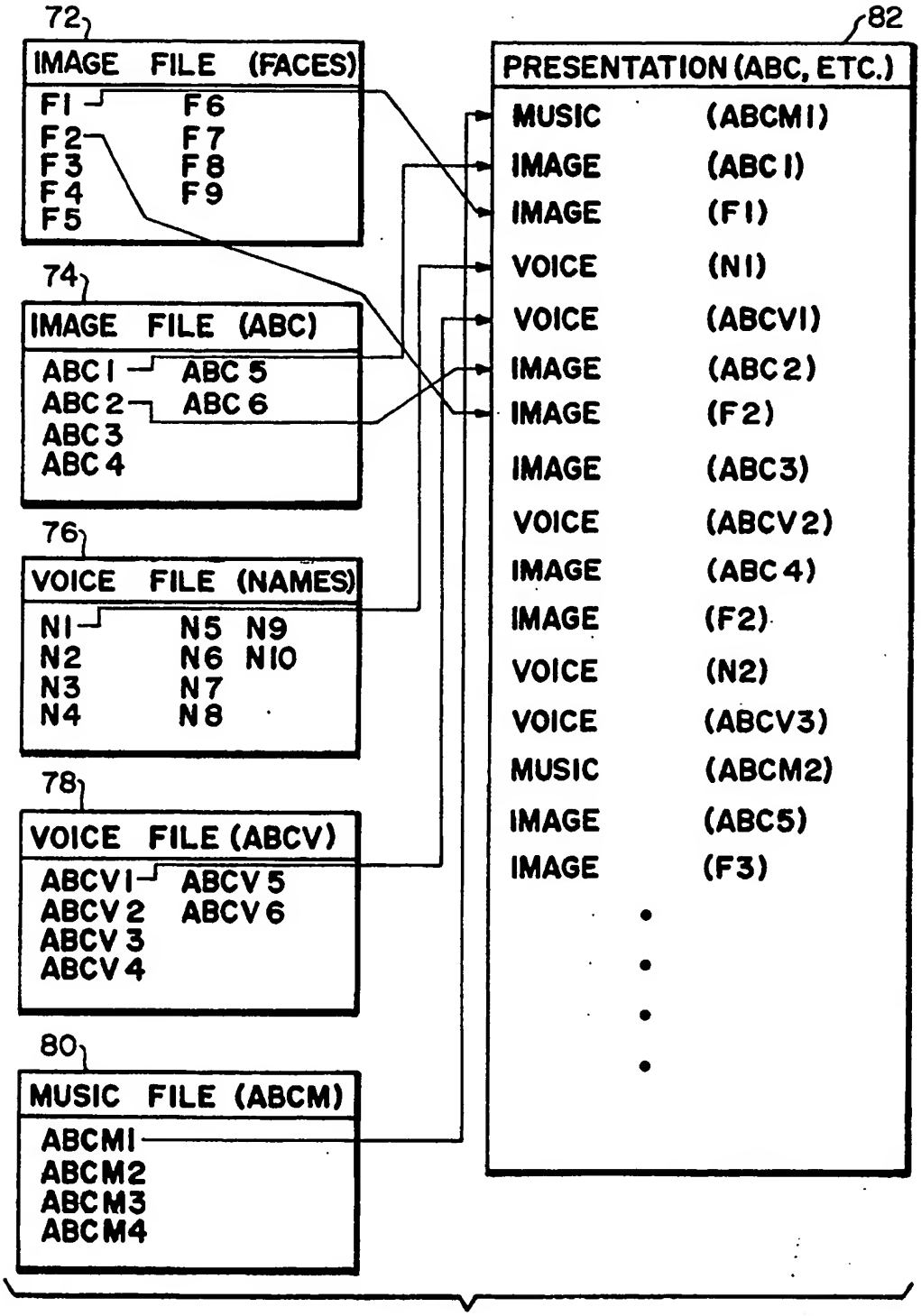


PHOTO OF CHILD IS SCANNED AND SAVED AS A DIGITIZED IMAGE.
60
HEAD IS DIGITALLY CUT-OUT USING A TABLET AND POINTING DEVICE.
62
HEAD IS SCALED TO PREDETERMINED SIZES, AND EACH NEW FRAME IS NAMED (F1, F2 ETC.); FRAME IS SAVED IN "FACES" IMAGE FILE.
64
BACKGROUND IMAGES THAT INCLUDE THE CHILD'S NAME WRITTEN OUT AS TEXT ARE RETRIEVED, CHANGED TO REFLECT NEW CHILD'S NAME AND RE-SAVED.
66
DIGITIZED VOICE RECORDINGS ("VOICE MESSAGES") OF THE CHILD'S FIRST NAME (SPOKEN IN NARRATOR'S VOICE) ARE IMPORT-ED FROM DIGITAL STORAGE, THEN SAVED IN VOICE MESSAGE "NAME" FILE.
68
PERSONALIZED PRESENTATION IS CREATED AND STORED ON HARD DISK DRIVE AND IS THEN RECORDED ONTO THE VIDEOTAPE IN VCR.
70

FIG.11


72
IMAGE FILE (FACES)
F1 F6
F2 F7
F3 F8
F4 F9
F5
74
IMAGE FILE (ABC)
ABC1 ABC5
ABC2 ABC6
ABC3
ABC4
76
VOICE FILE (NAMES)
N1 N5 N9
N2 N6 N10
N3 N7
N4 N8
78
VOICE FILE (ABCV)
ABCV1 ABCV5
ABCV2 ABCV6
ABCV3
ABCV4
80
MUSIC FILE (ABCM)
ABCM1
ABCM2
ABCM3
ABCM4
82
PRESENTATION (ABC, ETC.)
MUSIC (ABCM1)
IMAGE (ABC1)
IMAGE (F1)
VOICE (N1)
VOICE (ABCV1)
IMAGE (ABC2)
IMAGE (F2)
IMAGE (ABC3)
VOICE (ABCV2)
IMAGE (ABC4)
IMAGE (F2)
VOICE (N2)
VOICE (ABCV3)
MUSIC (ABCM2)
IMAGE (ABC5)
IMAGE (F3)

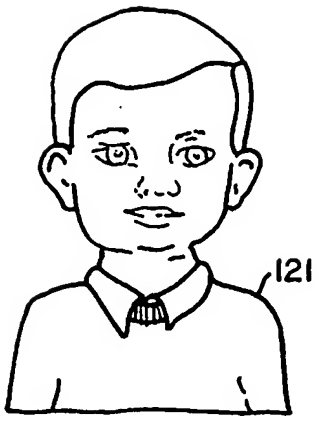


FIG.12A

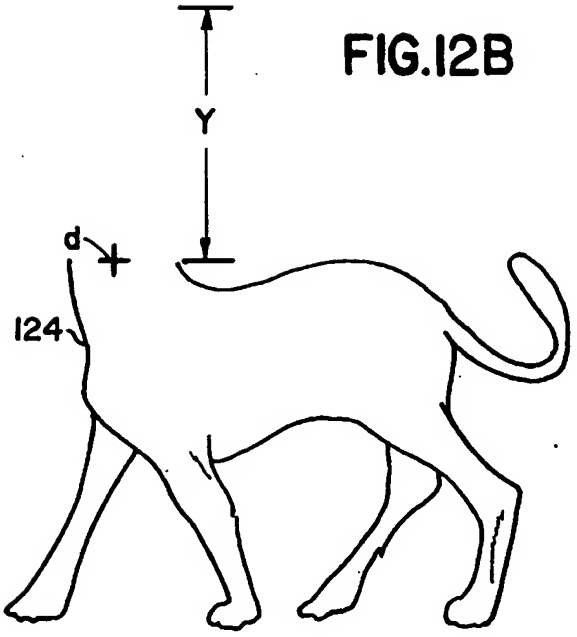


FIG.12B

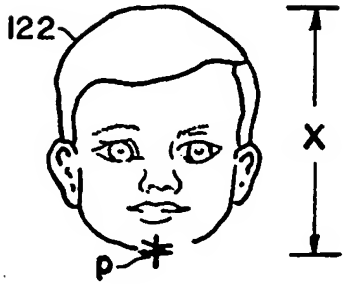


FIG.12C

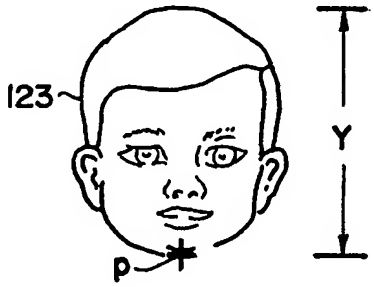


FIG.12D

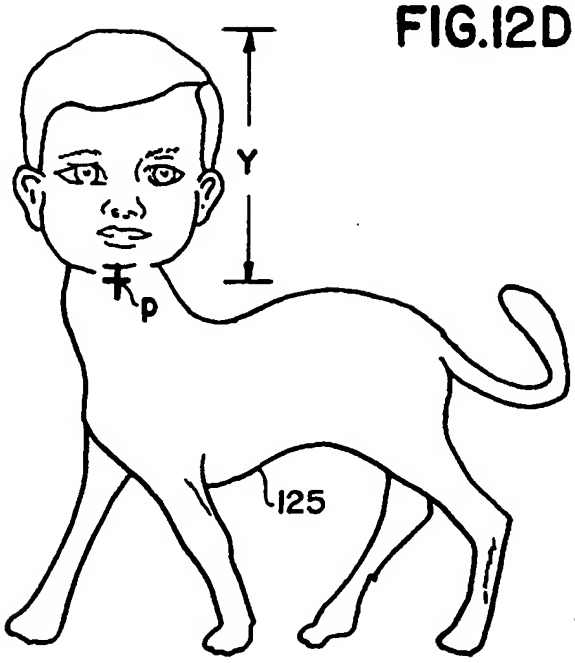


FIG.12E

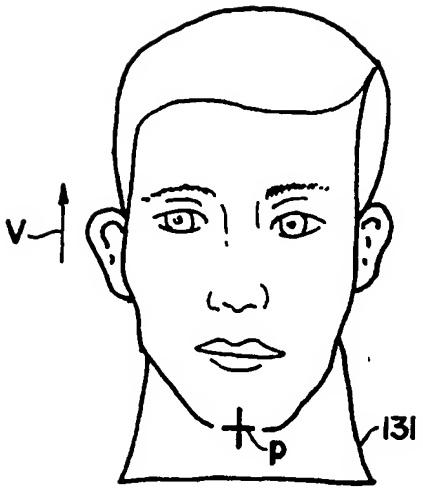


FIG.13A

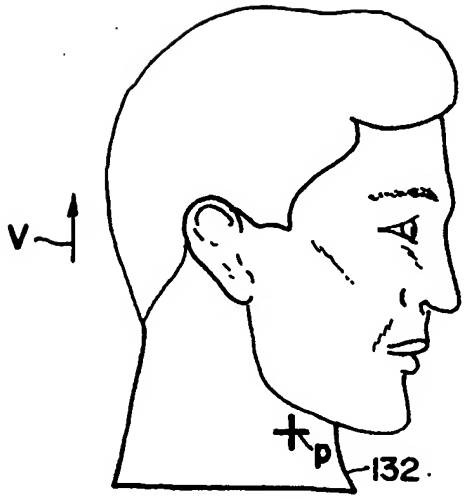


FIG.13B

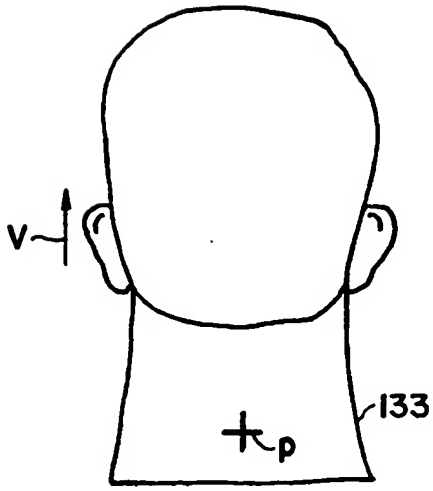


FIG.13C

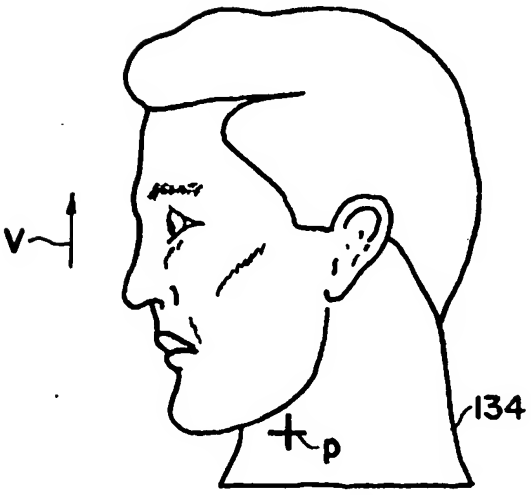


FIG.13D

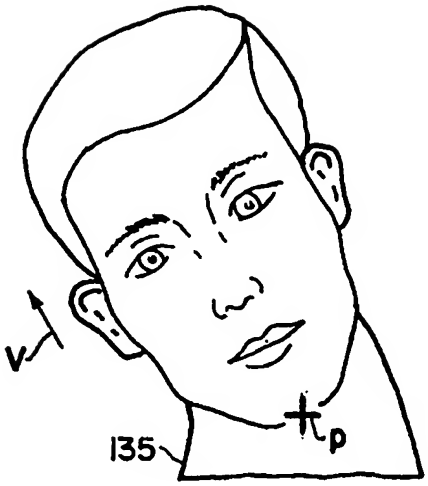


FIG.13E

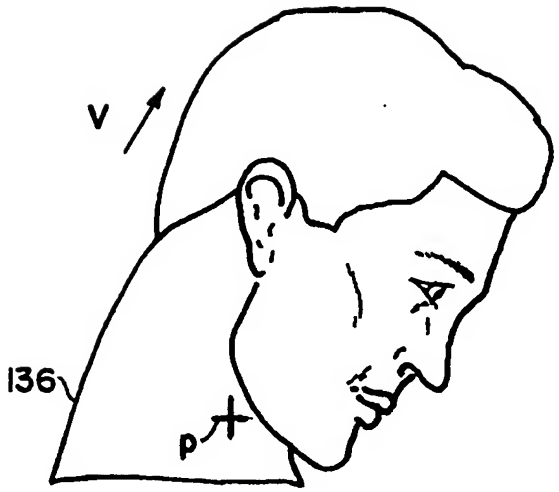


FIG.13F

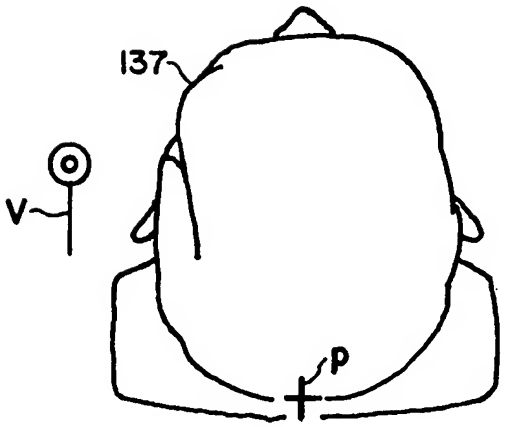


FIG.13G

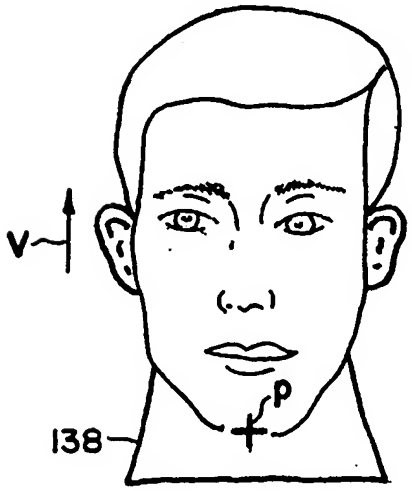
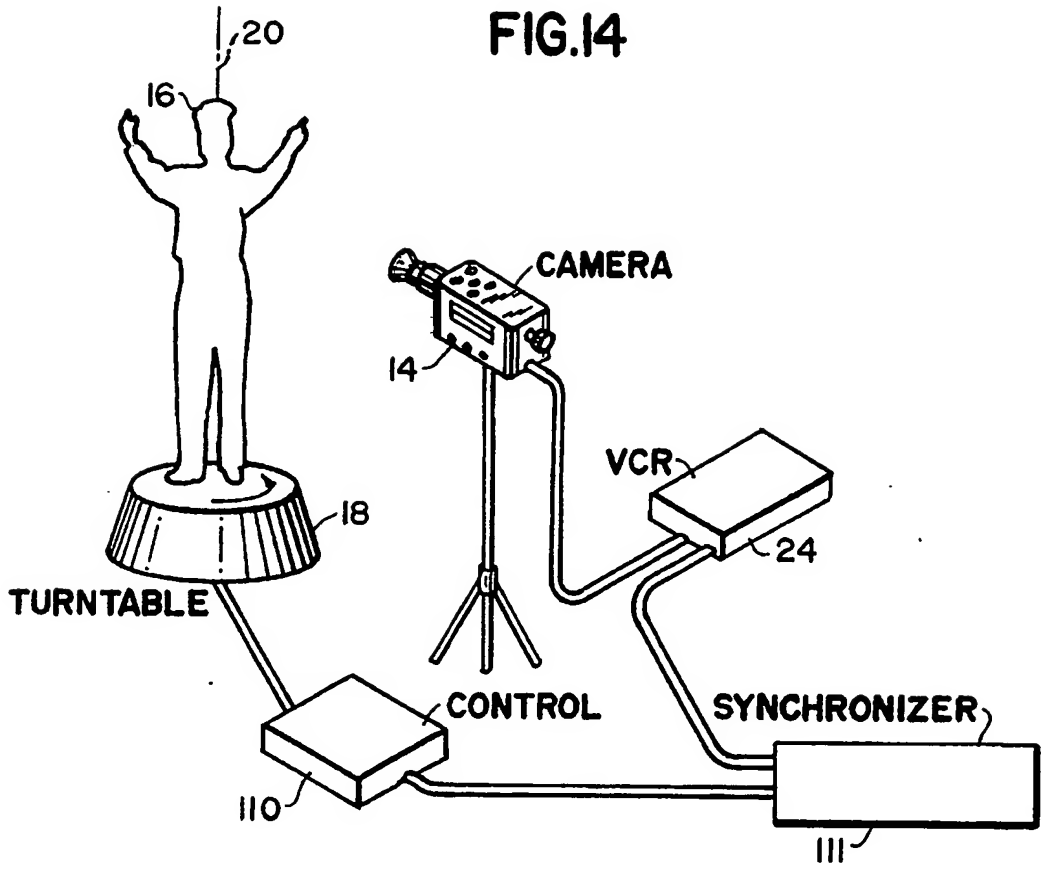


FIG.13H

FIG.14


20
16
CAMERA
14
VCR
24
18
TURNTABLE
CONTROL
SYNCHRONIZER
110
111

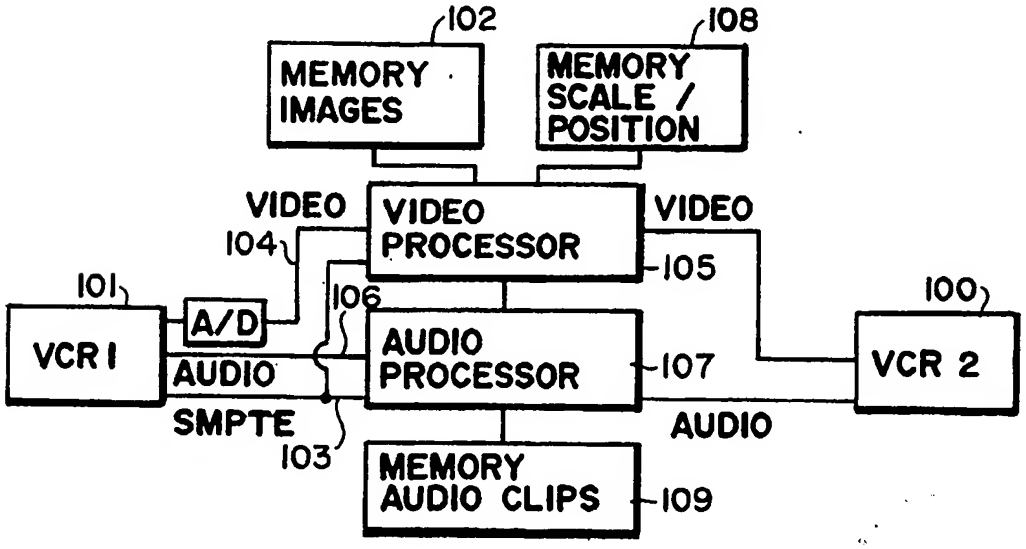

102
MEMORY IMAGES
108
MEMORY SCALE / POSITION
VIDEO
104
VIDEO PROCESSOR
VIDEO
105
101
A/D
106
100
VCR 1
AUDIO
AUDIO PROCESSOR
107
VCR 2
SMPTE
103
AUDIO
MEMORY AUDIO CLIPS
109

FIG.15

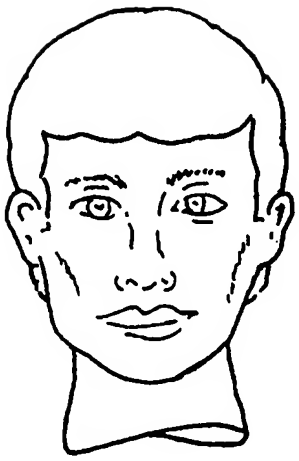


FIG.16A

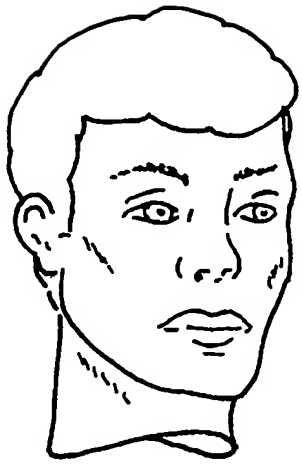


FIG.16B

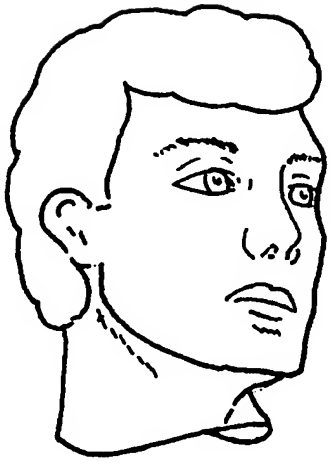


FIG.16C

FIG.16D

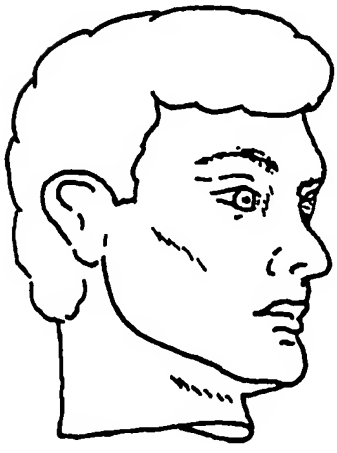


FIG.16E

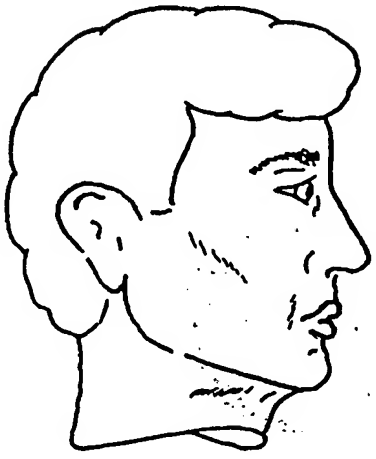


FIG.17A

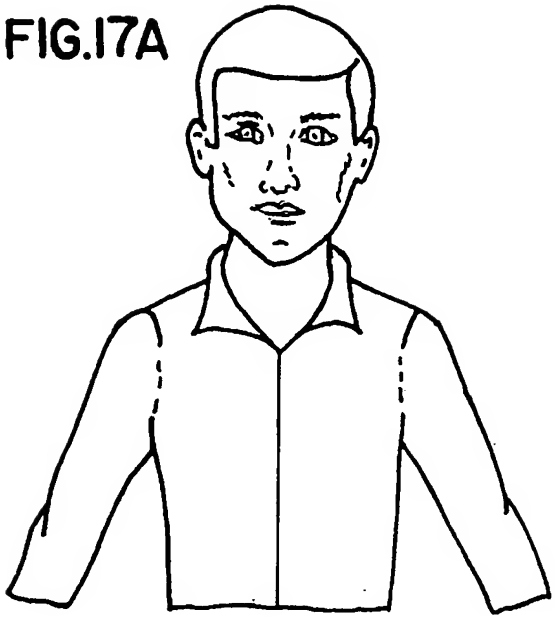


FIG.17B

FIG.17C

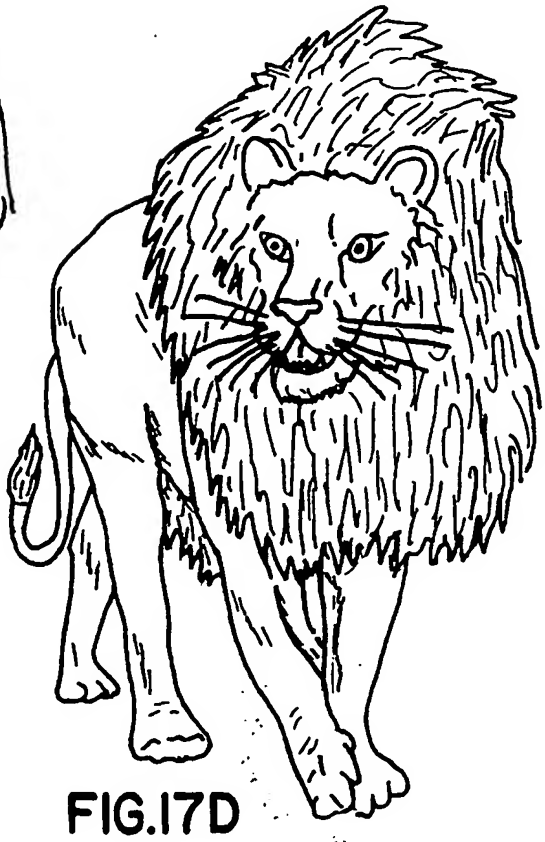
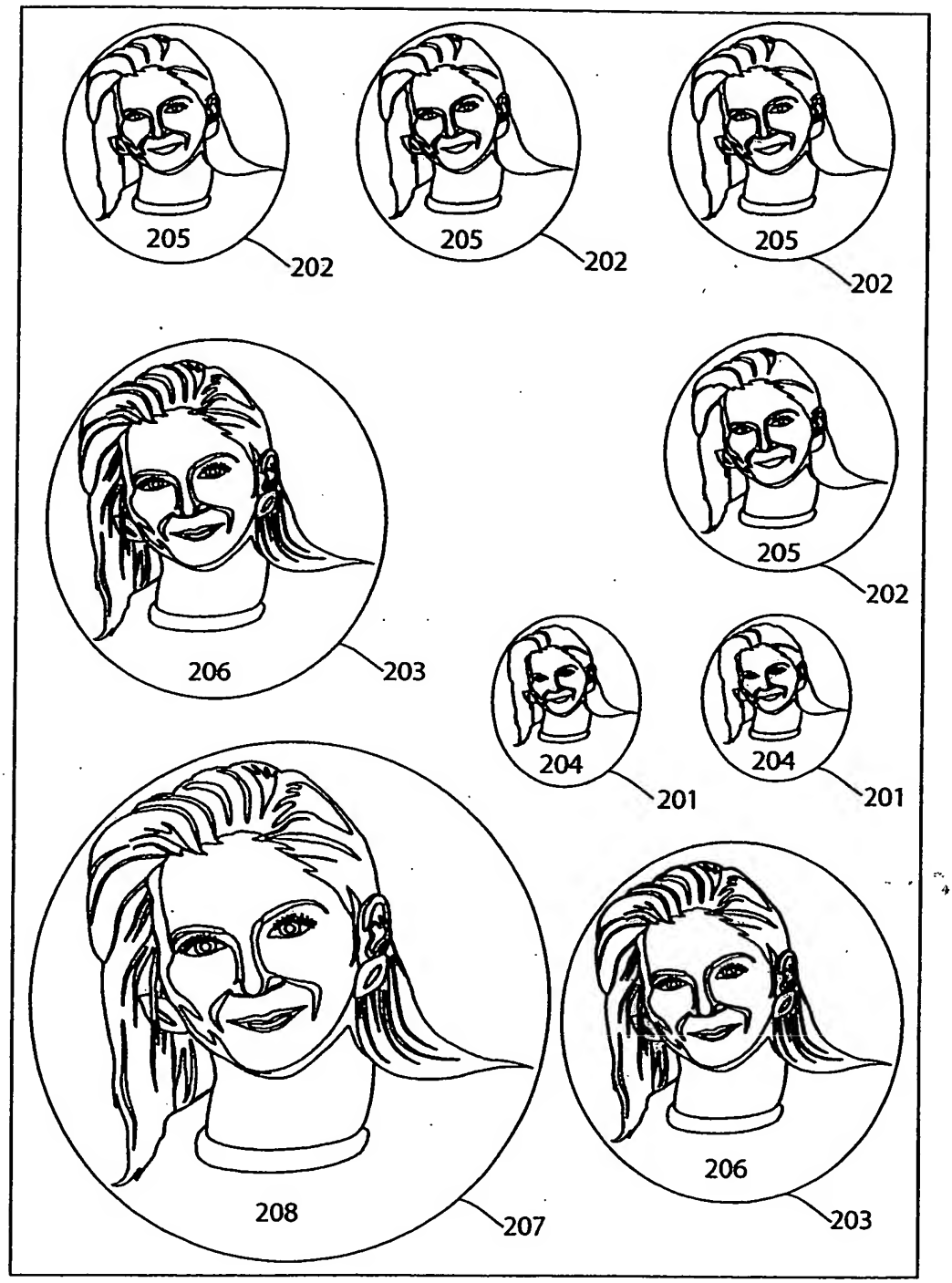


FIG.17D


205
202
205
202
205
202
206
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201
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208
207
206
203

Fig. 18

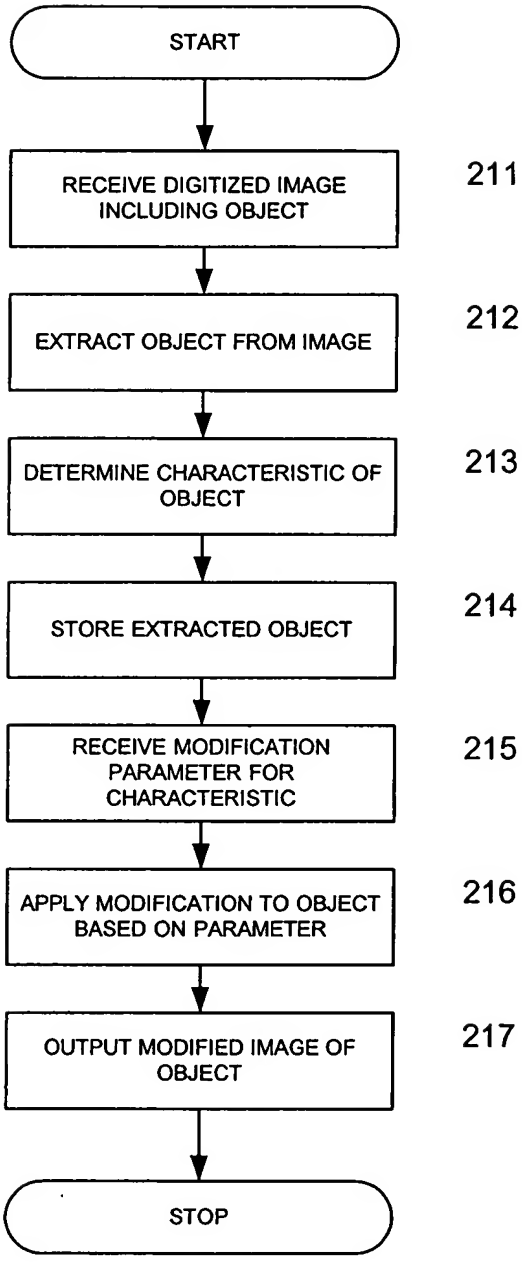
START
RECEIVE DIGITIZED IMAGE INCLUDING OBJECT
211
EXTRACT OBJECT FROM IMAGE
212
DETERMINE CHARACTERISTIC OF OBJECT
213
STORE EXTRACTED OBJECT
214
RECEIVE MODIFICATION PARAMETER FOR CHARACTERISTIC
215
APPLY MODIFICATION TO OBJECT BASED ON PARAMETER
216
OUTPUT MODIFIED IMAGE OF OBJECT
217
STOP

Fig. 19

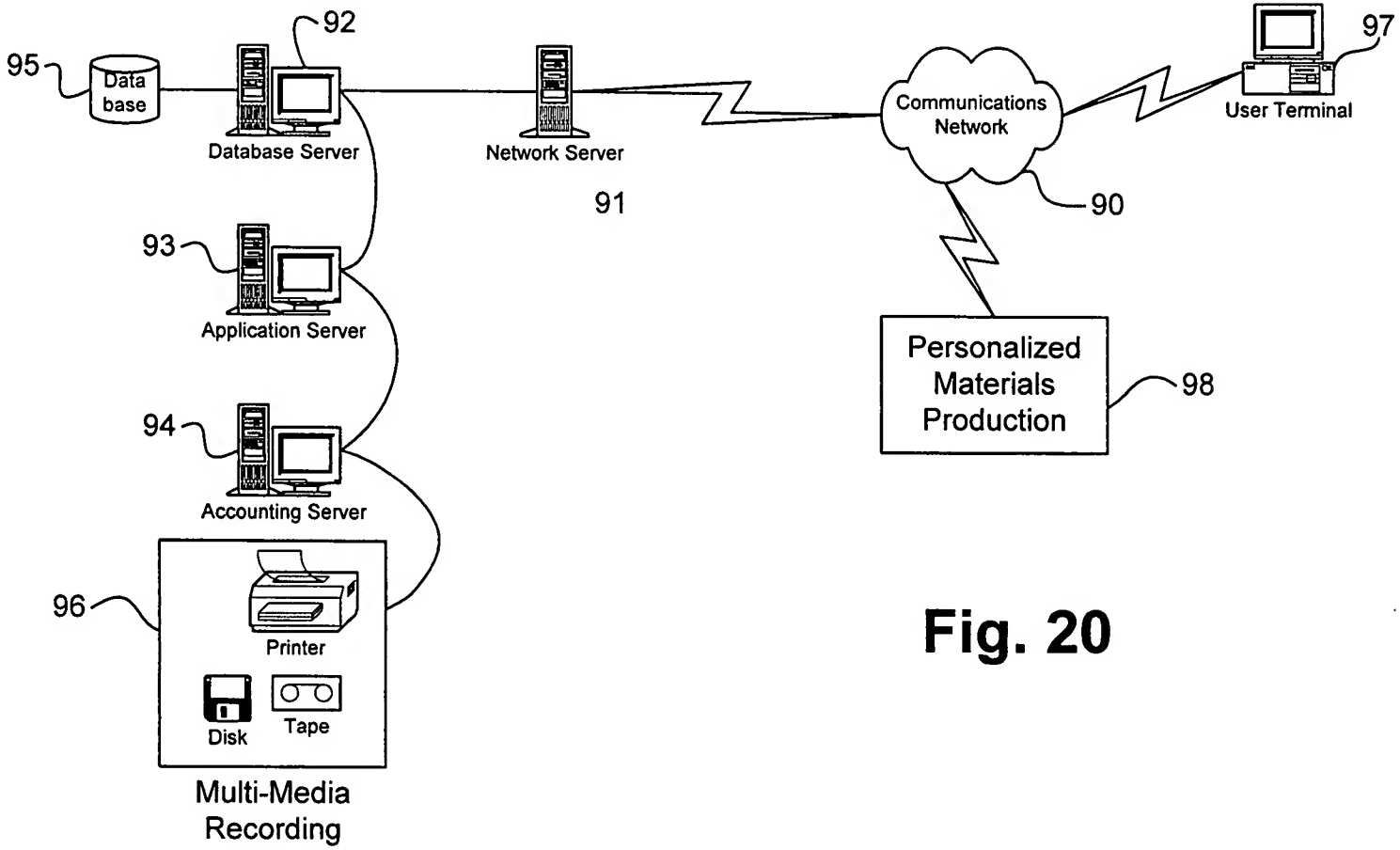
95
Data base
92
Database Server
Network Server
91
Communications Network
97
User Terminal
90
93
Application Server
94
Accounting Server
Personalized Materials Production
98
96
Printer
Disk
Tape
Multi-Media Recording

Fig. 20

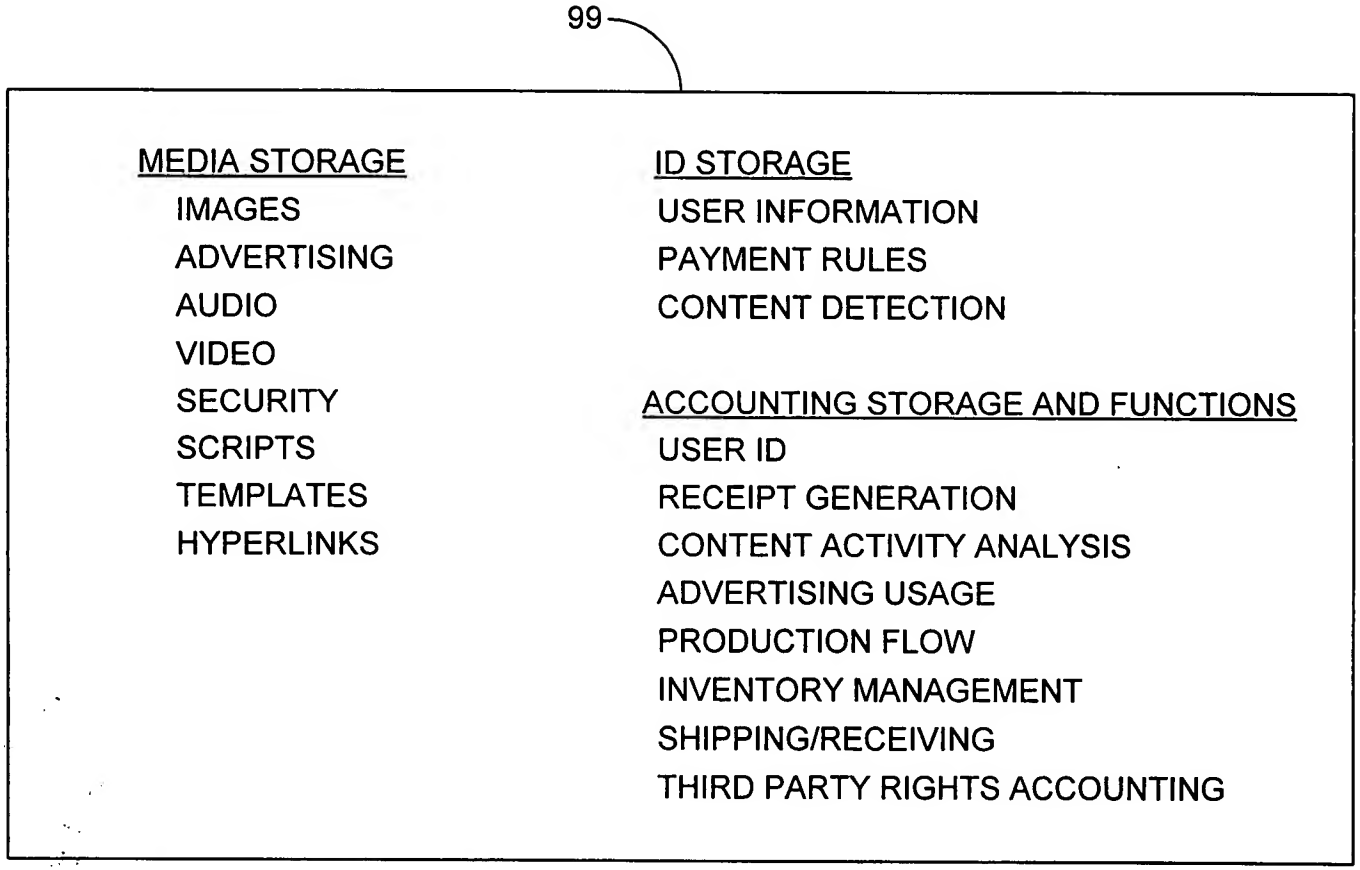
99
MEDIA STORAGE
IMAGES
ADVERTISING
AUDIO
VIDEO
SECURITY
SCRIPTS
TEMPLATES
HYPERLINKS
ID STORAGE
USER INFORMATION
PAYMENT RULES
CONTENT DETECTION
ACCOUNTING STORAGE AND FUNCTIONS
USER ID
RECEIPT GENERATION
CONTENT ACTIVITY ANALYSIS
ADVERTISING USAGE
PRODUCTION FLOW
INVENTORY MANAGEMENT
SHIPPING/RECEIVING
THIRD PARTY RIGHTS ACCOUNTING

Fig. 21